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CAW Z20	
Uniclass L6739:P74	
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# MT460

## Rapid Grip Adhesive

### KEY BENEFITS SUMMARY

- Powerful construction adhesive with very high initial grab and rapid development of final bond
- Instant grab can minimise the need for additional clamping or other mechanical supports
- Gap filling formulation forms a strong bond even with irregular or uneven substrates
- Excellent resistance to weathering - suitable for internal and external applications
- Bonds almost any typical construction material including masonry, timber, plastics, metals and ceramics

### PRODUCT INFORMATION

#### Description

illbruck MT460 is a powerful construction adhesive with very high initial grab and cures rapidly to form a high strength permanent bond.

#### Usage/Purpose

illbruck MT460 is ideal for a vast range of applications.

Typical uses include:

- Fixing aluminium and PVCu nosings and extrusions to concrete and wooden stairs
- Carpet grippers to most sub floors without using tacks or nails
- Most types of wall cladding, direct wall studding, internal wall surfaces or timber battens
- Direct fixing of battens, architrave, etc. to walls without other fixings.
- Fixing floor boarding and skirting boards

illbruck MT460 has excellent adhesion to brick, concrete, blockwork, wood, plywood, chipboard, hardboard, plasterboard, insulation materials (except polystyrene), laminated plastics metals and ceramics.

#### LIMITATIONS

Solvents contained within the adhesive may damage sensitive surfaces. The adhesive is not suitable for direct application onto polystyrene, PVC, asphalt or bitumen. Do not use for fixing mirrors.

#### Colour

Buff

#### Packaging

350 ml cartridge (12 per box)

#### Availability

Direct from Tremco illbruck (see back of leaflet for address and telephone details) or via local and national distributors.

### USAGE GUIDELINES

#### Necessary Tools

Standard cartridge skeleton gun and a sharp knife to cut nozzle.

#### Preparation

- All surfaces must be clean and dry and free from grease, contamination dust and other loose material. It may be necessary to prime some surfaces such as plasterboard with illbruck Universal PVA diluted 5:1 with water and allow to dry thoroughly before using the adhesive.
- Paint should be removed where the adhesive will make contact. New concrete and plaster should be allowed sufficient time to dry thoroughly.
- MT460 will become difficult to gun at low temperatures. During winter

it is advisable that the cartridges are left overnight in a warm environment so as to ensure easy application and rapid bonding.

#### Application

- Cut the end off the tip of the cartridge to expose the adhesive. Screw on the nozzle then cut back the nozzle to the required size. Apply using a sealant applicator gun.

To bond flat panels:

- Apply illbruck MT460 to the panel as a discontinuous 6 mm bead leaving regular 200 mm gaps around the periphery of the panel to permit solvent evaporation and in horizontal stripes at approximately 450 mm centres.
- Immediately press the panel firmly to the wall to ensure adequate transfer of adhesive and leave to set. A firm bond will be achieved in about ½ an hour under normal circumstances and conditions
- If the panel is warped apply the adhesive as described above then offer up to the wall and press the panel firmly into position then immediately remove. This will allow quicker solvent evaporation. After 5 minutes the panel may then be bonded into position and a contact bond achieved.

To bond battens, skirting, flooring, etc:

- Apply beads (or spots if the surfaces are irregular) to the components to be bonded. Position the component and lightly press against the mating surface so as to obtain good transfer of adhesive.
- Remove the component and if necessary reapply adhesive to any areas where it is not present. Leave for approximately 2 minutes before final assembly by pressing the components firmly in place.

# MT460

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## TECHNICAL INFORMATION

Composition	Synthetic rubber and resin
System	Solvent evaporation
Density (at 20°C)	1.18
Final Adhesion Strength	Within 24 hours
Open Time	4 minutes
Temperature Resistance	-40°C to +100°C
Application Temperature	+5°C to +40°C

To bond stair nosings:

- Apply MT460 as a 6 mm bead to the stair nosing only. 2 or 3 beads may be necessary depending on the size of the nosing.
- Immediately press the nosing into position to ensure adequate adhesive transfer and then pull away.
- Allow the adhesive to dry for 5 minutes before finally pressing into position. Allow 24 hours to dry before subjecting to loading/traffic.

### Cleaning

Clean tools and any uncured adhesive with Tremco AW421 Industrial Cleaner.

### Storage

Store in dry shaded conditions between +12°C and +25°C.

### Shelf Life

12 months when stored as recommended in original unopened packaging.

### Health and Safety Precautions

Product Safety Data Sheets must be read and understood before use.

### Technical Service

Tremco illbruck has a team of experienced Technical Sales Representatives who provide assistance in the selection and specification of products. For more detailed information, service and advice, please call Customer Services on 01942 251400.

### Guarantee / Warranty

Tremco illbruck products are manufactured to rigid standards of quality. Any product which has been applied (a) in accordance with Tremco illbruck written instructions and (b) in any application recommended by Tremco illbruck, but which is proved to be defective, will be replaced free of charge.

No liability can be accepted for the information provided in this leaflet although it is published in good faith and believed to be correct. Tremco illbruck Limited reserves the right to alter product specifications without prior notice, in line with Company policy of continuous development and improvement.